

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135098.D
 Acq On : 05 Sep 2023 16:39
 Operator : CG\JU
 Sample : 04203-07MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(12-12.5)MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/06/2023
 Supervised By :mohammad ahmed 09/07/2023

Quant Time: Sep 06 01:53:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	91090	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	362278	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	175880	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	291131	20.000	ng	0.00
76) Chrysene-d12	13.957	240	166115	20.000	ng	0.00
86) Perylene-d12	15.427	264	203087	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	612300	103.828	ng	0.01
7) Phenol-d6	6.416	99	733907	99.844	ng	0.00
23) Nitrobenzene-d5	7.340	82	459498	71.257	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	181266	97.156	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	776225	71.855	ng	0.00
79) Terphenyl-d14	12.898	244	643097	63.177	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	115607	46.279	ng	98
3) Pyridine	3.310	79	283507	42.098	ng	99
4) n-Nitrosodimethylamine	3.275	42	172039	52.237	ng	96
6) Aniline	6.440	93	319181	35.027	ng	91
8) 2-Chlorophenol	6.557	128	320799	53.545	ng	98
9) Benzaldehyde	6.328	77	124065	33.125	ng	94
10) Phenol	6.434	94	381137	49.391	ng	82
11) bis(2-Chloroethyl)ether	6.516	93	298425	51.356	ng	96
12) 1,3-Dichlorobenzene	6.716	146	325807	52.783	ng	98
13) 1,4-Dichlorobenzene	6.792	146	331639	53.681	ng	99
14) 1,2-Dichlorobenzene	6.940	146	310735	53.900	ng	98
15) Benzyl Alcohol	6.922	79	267658	53.149	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	471812	48.485	ng	98
17) 2-Methylphenol	7.034	107	245881	47.097	ng	97
18) Hexachloroethane	7.281	117	121056	52.898	ng	95
19) n-Nitroso-di-n-propyla...	7.192	70	205749	47.123	ng	97
20) 3+4-Methylphenols	7.187	107	296763	48.182	ng	94
22) Acetophenone	7.187	105	415057	51.508	ng	# 96
24) Nitrobenzene	7.357	77	320436	48.443	ng	98
25) Isophorone	7.598	82	575366	47.060	ng	99
26) 2-Nitrophenol	7.675	139	167395	51.220	ng	98
27) 2,4-Dimethylphenol	7.716	122	239411	45.502	ng	95
28) bis(2-Chloroethoxy)met...	7.810	93	349600	47.402	ng	100
29) 2,4-Dichlorophenol	7.916	162	243164	48.626	ng	99
30) 1,2,4-Trichlorobenzene	7.992	180	272951	50.509	ng	97
31) Naphthalene	8.075	128	857642	48.462	ng	99
32) Benzoic acid	7.845	122	182902	43.456	ng	98
33) 4-Chloroaniline	8.128	127	225886	29.182	ng	97
34) Hexachlorobutadiene	8.187	225	156251	50.949	ng	99
35) Caprolactam	8.504	113	77671m	47.437	ng	
36) 4-Chloro-3-methylphenol	8.616	107	259840	47.840	ng	95
37) 2-Methylnaphthalene	8.769	142	538334	45.590	ng	99
38) 1-Methylnaphthalene	8.869	142	511311	46.279	ng	98
40) 1,2,4,5-Tetrachloroben...	8.934	216	250811	50.941	ng	98
41) Hexachlorocyclopentadiene	8.916	237	131924	62.954	ng	97
43) 2,4,6-Trichlorophenol	9.051	196	167299	50.596	ng	98

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44) 2,4,5-Trichlorophenol	9.092	196	175627	45.878	ng	96
46) 1,1'-Biphenyl	9.233	154	678152	50.467	ng	100
47) 2-Chloronaphthalene	9.257	162	514065	50.872	ng	98
48) 2-Nitroaniline	9.357	65	171968	49.714	ng	90
49) Acenaphthylene	9.675	152	771229	50.489	ng	100
50) Dimethylphthalate	9.539	163	607051	49.292	ng	99
51) 2,6-Dinitrotoluene	9.604	165	133250	49.310	ng	99
52) Acenaphthene	9.845	154	471390	48.425	ng	99
53) 3-Nitroaniline	9.775	138	115716	36.760	ng	95
54) 2,4-Dinitrophenol	9.886	184	71459	55.330	ng	# 82
55) Dibenzofuran	10.022	168	681564	48.536	ng	98
56) 4-Nitrophenol	9.945	139	184123	83.211	ng	94
57) 2,4-Dinitrotoluene	10.010	165	165128	49.034	ng	# 96
58) Fluorene	10.363	166	526004	49.134	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.139	232	136467	46.295	ng	96
60) Diethylphthalate	10.245	149	561367	48.423	ng	100
61) 4-Chlorophenyl-phenyle...	10.357	204	257643	48.655	ng	99
62) 4-Nitroaniline	10.392	138	127602	41.428	ng	98
63) Azobenzene	10.516	77	543220	46.537	ng	99
65) 4,6-Dinitro-2-methylph...	10.422	198	56167	31.877	ng	90
66) n-Nitrosodiphenylamine	10.480	169	466485	51.533	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	157150	50.892	ng	95
68) Hexachlorobenzene	10.910	284	171568	53.734	ng	94
70) Pentachlorophenol	11.110	266	135638	70.217	ng	99
71) Phenanthrene	11.327	178	737826	49.124	ng	99
72) Anthracene	11.380	178	744207	48.496	ng	98
73) Carbazole	11.539	167	616348	46.567	ng	99
74) Di-n-butylphthalate	11.874	149	798856	50.069	ng	100
75) Fluoranthene	12.522	202	634926	41.811	ng	99
77) Benzidine	12.651	184	198106	66.157	ng	98
78) Pyrene	12.751	202	628613	39.856	ng	99
80) Butylbenzylphthalate	13.380	149	254647	44.693	ng	97
81) Benzo(a)anthracene	13.951	228	552932	48.797	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	197860	57.867	ng	99
83) Chrysene	13.986	228	535065	48.048	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	314054	53.260	ng	99
85) Di-n-octyl phthalate	14.563	149	600633	66.735	ng	98
87) Indeno(1,2,3-cd)pyrene	16.909	276	572756	41.870	ng	98
88) Benzo(b)fluoranthene	15.004	252	630877	49.925	ng	98
89) Benzo(k)fluoranthene	15.033	252	571046	46.777	ng	98
90) Benzo(a)pyrene	15.368	252	537870	45.820	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	489292	44.163	ng	98
92) Benzo(g,h,i)perylene	17.362	276	431100	37.412	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

